

D2

MULTIPLE-SITE REACTION DEVICE AND METHOD**Patent number:** JP2003522963T**Publication date:** 2003-07-29**Inventor:****Applicant:****Classification:**

- international: *B01J19/00; B01L3/00; B01L7/00; B01J19/00; B01L3/00; B01L7/00; (IPC1-7): G01N35/08; C12M1/00; C12M1/34; C12N15/09; C12Q1/00; C12Q1/68; G01N31/20; G01N33/53; G01N33/566; G01N37/00*

- european: B01J19/00C; B01J19/00R; B01L3/00C6M; Y01N6/00

Application number: JP20010559877T 20010216**Priority number(s):** US20000183626P 20000218; WO2001US04884 20010216**Also published as:**

WO0161041 (A:

WO0161041 (A:

CA2400207 (A1

Report a data error he

Abstract not available for JP2003522963T

Abstract of corresponding document: **WO0161041**

A method and device for performing a plurality of small-volume reactions simultaneously are disclosed. The device includes an elongate or planar channel and a port for introducing such bulk-phase medium into the channel, a plurality of discrete small-volume reaction regions within the channel, and a reaction-specific reagent releasably carried on a wall portion of each reaction region. In carrying out the method of the invention, a bulk phase medium containing common reactants is added to the channel. Upon release of reaction-specific reagent from the wall portions of the reaction regions, a reagent-specific reaction can occur simultaneously in each region. The channel is dimensioned to substantially prevent convective fluid flow among the reaction regions during such reactions.

Data supplied from the esp@cenet database - Worldwide